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Please and add new claims 9 to 19 as follows:

Gommunications apparatus for use with an electricity distribution and/or power transmission network for allowing, in use, a low frequency high amplitude mains electricity power signal to pass from the network to a consumer's premises and for input and/or removal of a telecommunication signal from the network, said communications apparatus comprising:

a main inductor arranged between a mains electricity input from said network and a mains electricity output to said consumer's premises; and

a coupling capacitor connected between said mains electricity input and a signal input/output line.

The communications apparatus as claimed in claim \$\frac{1}{2}\$, further comprising a shunt inductor connected between ground and said signal input/output line.

11. The communications apparatus as claimed in claim 9, further comprising a shunt capacitor connected between ground and said mains electricity output.

The communications apparatus as claimed in claim \$\frac{1}{9}\$, further comprising a shunt inductor connected between ground and said signal input/output line, and a shunt capacitor connected

4 between ground and said mains electricity output.

The communications apparatus as claimed in claim \$\frac{1}{2}\$, wherein said main inductor includes a conductor wrapped separately around each of two generally parallel-spaced elongated ferrite rods, and further including a shunt capacitor connected between ground and an intermediate point of said conductor.

distribution and/or power transmission network for allowing, in use, a low frequency high amplitude mains electricity power signal to pass from the network to a consumer's premises and for input and/or removal of a telecommunication signal from the network, said communications apparatus comprising:

a first inductor arranged between a mains electricity input from said network and a mains electricity output to said consumer's premises;

a series combination of a coupling capacitor and a fuse connected between said mains electricity input and a signal input/output line; and

a second inductor connected between said signal input/output line and ground, said second inductor providing a current path for blowing said fuse when said coupling capacitor suffers a fault condition.

15. The communications apparatus as elaimed in claim 14,
further comprising a shunt capacitor connected between ground and
said mains electricity output.

The communications apparatus as claimed in claim 14, further comprising a series combination of a fuse and a shunt capacitor connected between ground and said mains electricity output.

The communications apparatus as claimed in claim 14, wherein said first inductor includes a conductor wrapped separately around each of two generally parallel-spaced elongated ferrite rods, and further including a shunt capacitor connected between ground and an intermediate point of said conductor.

distribution and/or power transmission network for allowing, in use, a low frequency high amplitude mains electricity power signal to pass from the network to a consumer's premises and for input and/or removal of a telecommunication signal from the network, said communications apparatus comprising:

a first inductor arranged between a mains electricity input from said network and a mains electricity output to said consumer's premises;

a series combination of a coupling capacitor and a fuse

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connected between said mains electricity input and a signal input/output line;

a second inductor connected between said signal input/output line and ground, said second inductor providing a current path for blowing said fuse when said coupling capacitor suffers a fault condition; and a series combination of a first fuse and a first shunt capacitor connected between ground and said mains electricity output;

wherein said first inductor includes a conductor wrapped around at least one ferrite core; and

further including a second shunt capacitor and a second fuse connected between ground and an intermediate point of said conductor.

The communications apparatus as claimed in claim 18, wherein said conductor is wrapped separately around two parallel-spaced elongated ferrite rods. --

# In the Drawings:

Filed herewith is a separate letter addressed to the Official Draftsperson requesting approval of amendments to FIGS. 1, 8, 9 and 10 and showing the requested changes in red on sketches submitted in triplicate.